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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/907,900

DATE: 01/03/2002
TIME: 11:35:47

Input Set : N:\CrF3\RULE60\09907900.raw.txt
Output Set: N:\CRF3\01032002\I907900.raw

1 <110> APPLICANT: Hartley, James L.
2 Brasch, Michael A.
3 Temple, Gary F.
4 Fox, Donna K.
5 <120> TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
6 Recombination Sites
7 <130> FILE REFERENCE: 0942.2850004
8 <140> CURRENT APPLICATION NUMBER: 09/907,900
9 <141> CURRENT FILING DATE: 2001-07-19
10 <150> PRIOR APPLICATION NUMBER: 09/177,387
11 <151> PRIOR FILING DATE: 1998-10-23
12 <160> NUMBER OF SEQ ID NOS: 60
13 <170> SOFTWARE: PatentIn Ver. 2.0
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 25
17 <212> TYPE: DNA
18 <213> ORGANISM: Unknown
19 <220> FEATURE:
W--> 20 <221> NAME/KEY: OTHER
21 <222> LOCATION: 18
22 <223> OTHER INFORMATION: "n" may be any nucleotide
23 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
24 products
25 <400> SEQUENCE: 1
W--> 26 rkycwgcttt yktrtacnaa stsgb 25
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 25
30 <212> TYPE: DNA
31 <213> ORGANISM: Unknown
32 <220> FEATURE:
W--> 33 <221> NAME/KEY: OTHER
34 <222> LOCATION: 18
35 <223> OTHER INFORMATION: "n" may be any nucleotide
36 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
37 products
38 <400> SEQUENCE: 2
W--> 39 agccwgcttt yktrtacnaa ctsgb 25
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 25
43 <212> TYPE: DNA
44 <213> ORGANISM: Unknown
45 <220> FEATURE:
W--> 46 <221> NAME/KEY: OTHER
47 <222> LOCATION: 18
48 <223> OTHER INFORMATION: "n" may be any nucleotide
49 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
50 products

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51 <400> SEQUENCE: 3
W--> 52      gttcagcttt cktrtacnaa ctsgb                25
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 25
56 <212> TYPE: DNA
57 <213> ORGANISM: Unknown
58 <220> FEATURE:
W--> 59 <221> NAME/KEY: OTHER
60 <222> LOCATION: 18
61 <223> OTHER INFORMATION: "n" may be any nucleotide
62 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
63      products
64 <400> SEQUENCE: 4
W--> 65      agccwgcttt cktrtacnaa gtsgb                25
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 25
69 <212> TYPE: DNA
70 <213> ORGANISM: Unknown
71 <220> FEATURE:
W--> 72 <221> NAME/KEY: OTHER
73 <222> LOCATION: 18
74 <223> OTHER INFORMATION: "n" may be any nucleotide
75 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
76      products
77 <400> SEQUENCE: 5
W--> 78      gttcagcttt yktrtacnaa gtsgb                25
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 25
82 <212> TYPE: DNA
83 <213> ORGANISM: Unknown
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
86      products
87 <400> SEQUENCE: 6
88      agcctgcttt tttgtacaaa cttgt                25
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 25
92 <212> TYPE: DNA
93 <213> ORGANISM: Unknown
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
96      products
97 <400> SEQUENCE: 7
98      agcctgcttt cttgtacaaa cttgt                25
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 25
102 <212> TYPE: DNA
103 <213> ORGANISM: Unknown
104 <220> FEATURE:

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105 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
106     products
107 <400> SEQUENCE: 8                                     25
108     acccagcttt cttgtacaaa gtggt
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 25
112 <212> TYPE: DNA
113 <213> ORGANISM: Unknown
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
116     products
117 <400> SEQUENCE: 9                                     25
118     gttcagcttt tttgtacaaa cttgt
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 25
122 <212> TYPE: DNA
123 <213> ORGANISM: Unknown
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
126     products
127 <400> SEQUENCE: 10                                    25
128     gttcagcttt cttgtacaaa cttgt
130 <210> SEQ ID NO: 11
131 <211> LENGTH: 25
132 <212> TYPE: DNA
133 <213> ORGANISM: Unknown
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
136     products
137 <400> SEQUENCE: 11                                    25
138     gttcagcttt cttgtacaaa gtggt
140 <210> SEQ ID NO: 12
141 <211> LENGTH: 25
142 <212> TYPE: DNA
143 <213> ORGANISM: Unknown
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
146     products
147 <400> SEQUENCE: 12                                    25
148     agcctgcttt tttgtacaaa gttgg
150 <210> SEQ ID NO: 13
151 <211> LENGTH: 25
152 <212> TYPE: DNA
153 <213> ORGANISM: Unknown
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
156     products
157 <400> SEQUENCE: 13                                    25
158     agcctgcttt cttgtacaaa gttgg
  
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Input Set : N:\Crf3\RULE60\09907900.raw.txt

Output Set: N:\CRF3\01032002\I907900.raw

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160 <210> SEQ ID NO: 14
161 <211> LENGTH: 25
162 <212> TYPE: DNA
163 <213> ORGANISM: Unknown
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
166     products
167 <400> SEQUENCE: 14                                25
168     acccagcttt cttgtacaaa gttgg
170 <210> SEQ ID NO: 15
171 <211> LENGTH: 25
172 <212> TYPE: DNA
173 <213> ORGANISM: Unknown
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
176     products
177 <400> SEQUENCE: 15                                25
178     gttcagcttt tttgtacaaa gttgg
180 <210> SEQ ID NO: 16
181 <211> LENGTH: 25
182 <212> TYPE: DNA
183 <213> ORGANISM: Unknown
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
186     products
187 <400> SEQUENCE: 16                                25
188     gttcagcttt cttgtacaaa gttgg
190 <210> SEQ ID NO: 17
191 <211> LENGTH: 39
192 <212> TYPE: DNA
193 <213> ORGANISM: Unknown
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
196     products
197 <400> SEQUENCE: 17                                39
198     ccaccacaaa cgcgatccatg gaattacact ttaatttag
200 <210> SEQ ID NO: 18
201 <211> LENGTH: 39
202 <212> TYPE: DNA
203 <213> ORGANISM: Unknown
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Unknown Organism: recombination
206     products
207 <400> SEQUENCE: 18                                39
208     ccaccacaag tcgacgcatg ccgacagcct tccaaatgt
210 <210> SEQ ID NO: 19
211 <211> LENGTH: 46
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence

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214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
216     oligonucleotide
217 <400> SEQUENCE: 19
218     ggccgattac gatatcccaa cgaccgaaaa cctgtatttt cagggg      46
220 <210> SEQ ID NO: 20
221 <211> LENGTH: 30
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
226     oligonucleotide
227 <400> SEQUENCE: 20
228     caggttttcg gtcgttgga tatcgtaatc      30
230 <210> SEQ ID NO: 21
231 <211> LENGTH: 47
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
236     oligonucleotide
237 <400> SEQUENCE: 21
238     ggccagatta cgatatccca acgaccgaaa acctgtattt tcagggg      47
240 <210> SEQ ID NO: 22
241 <211> LENGTH: 31
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
246     oligonucleotide
247 <400> SEQUENCE: 22
248     caggttttcg gtcgttgga tatcgtaatc t      31
250 <210> SEQ ID NO: 23
251 <211> LENGTH: 48
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
256     oligonucleotide
257 <400> SEQUENCE: 23
258     ggccaagatt acgatatccc aacgaccgaa aacctgtatt ttcaggg      48
260 <210> SEQ ID NO: 24
261 <211> LENGTH: 32
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
266     oligonucleotide
267 <400> SEQUENCE: 24

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/907,900

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Input Set : N:\Crf3\RULE60\09907900.raw.txt

Output Set: N:\CRF3\01032002\I907900.raw

L:20 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:26 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:33 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:46 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:59 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:72 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5